

Eriogonum bifurcatum Reveal**PAHRUMP VALLEY BUCKWHEAT**

FAMILY: *Polygonaceae*, the buckwheat family.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2 S2

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: none. **NNNPS:** THREATENED.

POPULATION CENSUS (NEVADA): **18 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 47 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 1109+**, total estimated **area 651+ ha (1609+ ac)**.
TREND: unknown.

IMPACTS AND MAJOR THREATS (NEVADA): Commercial or residential development, agricultural conversion, off-road vehicle activities, dumping etc. The species tolerates moderate transient disturbance.

INVENTORY EFFORT (NEVADA): Targeted surveys have been extensive and may be largely complete in Nevada. Most recent entered survey 1998, average year of last survey 1995. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 87.2%; **11-20 yrs:** 8.5%; **31-50 yrs:** 2.1%; **51+ yrs or unknown:** 2.1%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Bureau of Land Management, private lands, Nevada state lands (?).

RANGE: Clark and Nye counties, Nevada; also in CA. The distribution, as currently understood, straddles the Nevada/California state line, from Stewart Valley southeastward to Mesquite Valley. Maximum Nevada **range dimension 71.5 km (44.4 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 2297-2800 feet (700-853 meters).

HABITAT (NEVADA): Mostly in barren, saline, heavy clay or silty hardpan soils on and near dry playa margins, and on adjacent shore terraces and stabilized sand dunes, with *Atriplex confertifolia*, *A. hymenelytra*, *Prosopis glandulosa torreyana*, *Suaeda torreyana*, *Grayia spinosa*, etc.

PHENOLOGY: flowering late-spring, The taxon flowers from mid-May to mid-June, with flowers observed from May to June. Range of most frequent **survey months:** May-June.

LIFE-FORM AND HABIT: annual.

DESCRIPTION: Flowering/Mature state ideal for identification. This species is most closely related to *E. insigne* and some difficulties will be encountered in attempting to distinguish between immature specimens as they are similar in their general appearance at the early stage of development.

PHOTOGRAPHS: Niles et al. (1998); Nevada Natural Heritage Program images web page (1998-present) and files.

ILLUSTRATIONS: Mzingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Beatley (1977), Hickman (1993), Reveal (1985).

SPECIFIC REFERENCES:

Knight, T. A. 1988. Status report for *Eriogonum bifurcatum* Reveal. Carson City: Nevada Natural Heritage Program, prepared for the U. S. Fish and Wildlife Service, Reno.

Reveal, J. L. 1971. A new annual *Eriogonum* (*Polygonaceae*) from southern Nevada and adjacent California. *Aliso* 7: 357-360.
